

## SEWER DEMAND SUMMARY FOR THE BEALETON, OPAL & REMINGTON SERVICE DISTRICTS

WASTEWATER TREATMENT PLANT (WWTP)	SERVICE DISTRICTS	EXISTING CAPACITY (MGD)	CAPPED PLANT CAPACITY (MGD) <sup>1</sup>	ZONING BUILDOUT SEWER DEMAND (MGD)	LAND USE PLAN BUILDOUT SEWER DEMAND (MGD)
<b>Remington</b>		1.4	<b>2.5</b>	<b>1.587</b>	<b>2.276</b>
1. Bealeton				0.830	1.250
2. Opal				0.130	0.256
3. Remington				0.627	0.770
<b>Vint Hill</b>		0.60	<b>0.95</b>	Capped: 0.95 <sup>2</sup>	Capped: 0.95 <sup>3</sup>
1. Vint Hill EDA					0.400
2. Business & Residential Development					0.550

<sup>1</sup> Represents the capped capacity based on DEQ nutrient removal. Expansions represented herein must have the construction completed along with the DEQ operational certification by December of 2010.

<sup>2</sup> Approved and cumulative residential and business development within the designated NBSD “Sewered Service Area” cannot exceed the capped capacity of the Vint Hill WWTP.

<sup>3</sup> Of the 0.95 mgd capped capacity for the WWTP, the 0.55 mgd represents 2,115 residential unit equivalents reserved for the designated “Sewered Service Areas” defined as AB.2 and AB.3 in the NBSD Plan to include both residential and business development; the Vint Hill Economic Development Authority (EDA) has 0.40 mgd of the 0.95 mgd reserved for its use. The following FCWSA and Board of Supervisors actions have committed the following usage within AB.2 and AB.3:

- a. FCWSA Sewer Line Extension Project from Vint Hill and Shepherdstown Road to Route 600 area (east of Rt. 676) resulted in pre-purchased sewer taps (186 dwelling unit equivalents) from property owners who have C-1, C-2, R-1 and RA zoned land along that designated route to assist in project funding.
- b. Board of Supervisors approved: (1) 945 sewer residential lots in Brookside Community; and (2) 99 sewer residential lots in Bishops Run; this total does not include future commercial development planned on these sites.
- c. Total commitments, excluding the Vint Hill EDA allocation (0.4 mgd), is summarized as follows for the remaining 0.55 mgd: (1) Pre-purchased through the WSA: 186 dwelling equivalents; (2) Board of Supervisors approved: 1,044 dwelling units for the designated “Sewered Area” of AB.2 and AB.3; (3) Cumulative Commitment: 1,230 dwelling unit equivalents have been approved to be sewer already in the 1<sup>st</sup> module module (Vint Hill EDA: 0.25 mgd; all others: 0.35 mgd). Some of the latter units may still require developer purchased sewer taps from the FCWSA. That leaves only 885 residential unit equivalents (for a combination of residential and business development) to be allocated to undeveloped properties within the AB.2 and AB.3 areas, excluding the EDA property.